

**PRESSURE VARIATION IN ARRAY FABRICATION**

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**ABSTRACT OF THE DISCLOSURE**

A method, apparatus and computer program product, for fabricating an array of biopolymers on a substrate. The method uses a biopolymer or biomonomer fluid and a drop dispenser having a chamber into which the fluid is loaded and an orifice communicating with the chamber from which the fluid is dispensed. The method includes, when the chamber is loaded, applying a prime pressure to the fluid which varies over a range sufficient to move fluid within the drop dispenser but insufficient to cause fluid to be dispensed from the orifice. Drops are dispensed from the dispenser to the substrate so as to form the array.

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